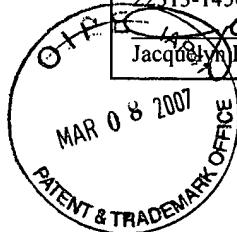


I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:
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Jacqueline P. Behn

Spw 2161
Attorney Docket No. CHM-021M



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Eric James WALL et al.

: Confirmation No: 8880

Serial No.: 10/597,991

Filed: August 15, 2006

Title: INJECTION DEVICE FOR ADMINISTERING A VACCINE

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§1.56, 1.97 and 1.98, Applicant request the Examiner to make of record the documents listed on the attached PTO/SB/08 form in connection with examination of the above-identified patent application. As provided in §1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. §1.97(h), this Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on attached form PTO/SB08 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. §1.56(b). In accordance with 37 C.F.R. §1.98(a)(2), Applicants are submitting copies of foreign patent documents and non-patent literature.

This information disclosure statement is being submitted under 37 C.F.R. §1.97(b)(3). Applicants have not received an Office Action on the merits in the present application. Therefore, no fee is believed to be due.

Applicants also respectfully request the Examiner to consider and make of record the co-pending applications listed on the attached page.

This submission does not represent that a search has been made or that no closer art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Respectfully submitted,

By



Daniel F. Nesbitt
Attorney for Applicant
Registration No. 33,746
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Customer Number 38155

March 6, 2007



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

5

<i>Complete if Known</i>	
Application Number	10/597,991
Filing Date	08/15/2006
First Named Inventor	Eric James Wall
Art Unit	
Examiner Name	

Attorney Docket Number

CHM-021M

U. S. P A T E N T D O C U M E N T S

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
	US-	2,671,488		03/09/1954	Harnisch	
	US-	3,066,670		12/04/1962	Stauffer	
	US-	3,572,336		03/23/1971	Hershberg	
	US-	3,605,742		09/20/1971	Tibbs	
	US-	3,702,608		11/14/1972	Tibbs	
	US-	4,031,889		06/28/1977	Pike	
	US-	4,043,333		08/23/1977	Munsch	
	US-	4,085,748		04/25/1978	Boyer	
	US-	4,194,505		03/25/1980	Schmitz	
	US-	4,196,732		04/08/1980	Wardlow	
	US-	4,214,584		07/29/1980	Smirnov et al.	
	US-	4,227,528		10/14/1980	Wardlow	
	US-	4,267,836		05/19/1981	Whitney et al.	
	US-	4,270,537		06/02/1981	Romaine	
	US-	4,326,517		04/27/1982	Whitney et al.	
	US-	4,340,048		07/20/1982	Eckenhoff	
	US-	4,373,526		02/15/1983	Kling	
	US-	4,512,767		04/23/1985	Denance	
	US-	4,552,561		11/12/1985	Eckenhoff et al.	
	US-	4,734,092		03/29/1988	Millerd	
	US-	4,753,651		06/28/1988	Eckenhoff	
	US-	4,846,808		07/11/1989	Haber et al.	
	US-	4,886,499		12/12/1989	Cirelli et al.	
	US-	4,894,054		01/16/1990	Miskinyar	
	US-	4,955,871		09/11/1990	Thomas	
	US-	4,968,302		11/06/1990	Schluter et al.	
	US-	5,019,047		05/28/1991	Kriesel	
	US-	5,078,680		01/07/1992	Sarnoff	
	US-	5,137,516		08/11/1992	Rand et al.	
	US-	5,156,591		10/20/1992	Gross et al.	
	US-	5,167,632		12/01/1992	Eid et al.	
	US-	5,169,389		12/08/1992	Kriesel et al.	
	US-	5,205,820		04/27/1993	Kriesel	
	US-	5,236,419		08/17/1993	Seney	
	US-	5,267,963		12/07/1993	Bachynsky	
	US-	5,279,544		01/18/1994	Gross et al.	
	US-	5,279,558		01/18/1994	Kriesel	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

2

of

5

<i>Complete if Known</i>	
Application Number	10/597,991
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First Named Inventor	Eric James Wall
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Examiner Name	
Attorney Docket Number	CHM-021M

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
	US-	5,318,557		06/07/1994	Gross	
	US-	5,336,188		08/09/1994	Kriesel	
	US-	5,352,201		10/04/1994	Jemmott	
	US-	5,354,287		10/11/1994	Wacks	
	US-	5,419,771		05/30/1995	Kriesel	
	US-	5,478,315		12/26/1995	Brothers et al.	
	US-	5,527,288		06/18/1996	Gross et al.	
	US-	5,527,287		06/18/1996	Miskinyar	
	US-	5,578,014		11/26/1996	Erez et al.	
	US-	5,616,123		04/01/1997	Cheikh	
	US-	5,616,128		04/01/1997	Meyer	
	US-	5,616,132		04/01/1997	Newman	
	US-	5,656,032		08/12/1997	Kriesel et al.	
	US-	5,681,291		10/28/1997	Galli	
	US-	5,693,018		12/02/1997	Kriesel et al.	
	US-	5,695,463		12/09/1997	Cherif-Cheikh	
	US-	5,704,520		01/06/1998	Gross	
	US-	5,704,911		01/06/1998	Parsons	
	US-	5,735,818		04/07/1998	Kriesel et al.	
	US-	5,762,634		06/09/1998	Davis	
	US-	5,769,826		06/23/1998	Johnson et al.	
	US-	5,785,688		07/28/1998	Joshi et al.	
	US-	5,791,466		08/11/1998	Tsals	
	US-	5,800,420		09/01/1998	Gross et al.	
	US-	5,807,375		09/15/1998	Gross et al.	
	US-	5,810,775		09/22/1998	Shaw	
	US-	5,814,020		09/29/1998	Gross	
	US-	5,820,622		10/13/1998	Gross et al.	
	US-	5,848,991		12/15/1998	Gross et al.	
	US-	5,848,990		12/15/1998	Cirelli et al.	
	US-	5,858,001		01/12/1999	Tsals et al.	
	US-	D-404,366		01/19/1999	Gross et al.	
	US-	D-404,482		01/19/1999	Falk et al.	
	US-	D-405,524		02/09/1999	Falk et al.	
	US-	5,871,125		02/16/1999	Gross	
	US-	5,885,250		03/23/1999	Kriesel et al.	
	US-	5,921,963		07/13/1999	Erez et al.	

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

3

of

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<i>Complete if Known</i>	
Application Number	10/597,991
Filing Date	08/15/2006
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Art Unit	
Examiner Name	
Attorney Docket Number	CHM-021M

U. S. P A T E N T D O C U M E N T S

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		Number - Kind Code ² (if known)				
	US-	5,931,814		08/03/1999	Alex et al.	
	US-	5,957,895		09/28/1999	Sage et al.	
	US-	5,997,501		12/07/1999	Gross et al.	
	US-	6,042,565		03/28/2000	Hirschman et al.	
	US-	6,048,334		04/11/2000	Hirschman et al.	
	US-	6,077,247		06/20/2000	Marshall et al.	
	US-	6,086,562		07/11/2000	Jacobsen et al.	
	US-	6,132,395		10/17/2000	Landau et al.	
	US-	6,146,361		11/14/2000	DiBiasi et al.	
	US	6,152,901		11/28/2000	Arruego et al	
	US-	6,157,858		12/05/2000	Gross et al.	
	US	6,162,197		12/19/2000	Mohammad	
	US-	6,186,982B1		02/13/2001	Gross et al.	
	US	6,254,575		07/03/2001	Thorne, Jr. et al.	
	US-	6,264,629 B1		07/24/2001	Landau	
	US-	2001/0012926 A1		08/09/2001	Gross et al.	
	US-	6,312,412		11/06/2001	Saied	
	US	2001/0039401		11/08/2001	Ferguson et al.	
	US-	6,319,224 B1		11/20/2001	Stout et al.	
	US	2002/0004648		01/10/2002	Larsen et al.	
	US-	6,364,865 B1		04/02/2002	Lavi et al.	
	US-	2002/0055711 A1		05/09/2002	Lavi et al.	
	US-	2002/0123719 A1		09/05/2002	Lavi et al.	
	US-	6,478,771		11/12/2002	Lavi et al.	
	US-	6,482,176B1		11/19/2002	Wich	
	US-	6,485,461B1		11/26/2002	Mason et al.	
	US-	6,494,865 B1		12/17/2002	Alchash	
	US-	6,500,150		12/31/2002	Gross et al.	
	US-	2003/0023203 A1		01/30/2003	Lavi et al.	
	US-	6,530,900		03/11/2003	Daily et al.	
	US-	6,530,904B1		03/11/2003	Edwards et al.	
	US-	6,569,123 B2		05/27/2003	Alchash et al.	
	US-	6,569,143 B2		05/27/2003	Alchash et al.	
	US-	2003/0100862A1		05/29/2003	Edwards et al.	
	US-	6,572,740		06/03/2003	Rosenblum et al.	
	US-	2003/0105430 A1		06/05/2003	Lavi et al.	
	US-	2003/0109827 A1		06/12/2003	Lavi et al.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 5 Attorney Docket Number CHM-021M

Complete if Known

Application Number	10/597,991
Filing Date	08/15/2006
First Named Inventor	Eric James Wall
Art Unit	
Examiner Name	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
	US-	6,585,707	B2	07/01/2003	Cabiri et al.	
	US-	6,589,210	B1	07/08/2003	Rolfe	
	US-	6,589,229	B1	07/08/2003	Connelly et al.	
	US-	2003/0135159	A1	07/17/2003	Daily et al.	
	US-	6,595,947	B1	07/22/2003	Miksza et al.	
	US-	6,595,956	B1	07/22/2003	Gross et al.	
	US-	6,605,064	B2	08/12/2003	Katch	
	US-	2003/0187395	A1	10/02/2003	Gabel et al.	
	US-	6,645,180	B1	11/11/2003	Hatch	
	US-	6,699,218	B2	03/02/2004	Flaherty et al.	
	US-	6,702,779	B2	03/09/2004	Connelly et al.	
	US-	6,749,587	B2	06/15/2004	Flaherty	
	US	6,752,798		06/22/04	McWethy et al.	
	US	6,808,512		10/26/2004	Lin et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
		WO 9317754	A1	09/16/1993	Elan Medical Technologies Ltd.		
		WO 9323096	A1	11/25/1993	Gross, Joseph		
		WO 9423777	A1	10/27/1994	Elan Medical Technologies Ltd.		
		EP 0651667	B1	05/10/1995	Elan Medical Technologies Ltd.		
		WO 9513838	A1	05/26/1995	Elan Medical Technologies Ltd.		
		WO 9532013	A1	11/30/1995	Elan Medical Technologies Ltd.		
		WO 9709078	A1	03/13/1997	Elan Medical Technologies Ltd.		
		WO 9710012	A1	03/20/1997	Elan Medical Technologies Ltd.		
		WO 9829662	A1	07/09/1998	Elan Medical Technologies Ltd.		
		WO 9959665	A1	11/25/1999	Elan Corporation, PLC		
		WO 0044437	A1	08/03/2000	Elan Pharma International Ltd.		
		WO 0202165	A2	01/10/2002	Elan Pharma Int'l Ltd.		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
(use as many sheets as necessary)				Application Number	10/597,991
				Filing Date	08/15/2006
				First Named Inventor	Eric James Wall
				Art Unit	
				Examiner Name	
Sheet	5	of	5	Attorney Docket Number	CHM-021M

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Description of Document	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published.	
		SCARFONE, Richard J., et al., Pain of Local Anesthetics: Rate of Administration and Buffering, Annals of Emergency Medicine, 01/1998, 31.1, 36-40	
		EDLISCH, Richard F., et al., Performance of Disposable Needle Syringe Systems for Local Anesthesia, The Journal of Emergency Medicine, Vol 5 pp. 83-90, 1987	
		KRAUSE, Richard S., The Effect of Injection Speed on the Pain of Lidocaine Infiltration, Academic Emergency Medicine, 11/1997, Vol 4/No 11, pgs. 1032-1035	
		MITCHELL, Jane R. et al., The Effect of Injection Speed on the Perception of Intramuscular Injection Pain, AAOHN Journal, 06/01, Vol. 49, NO. 6, pgs. 286-292	
		GRAVEN-NIELSEN, T., et al., In Vivo Model of Muscle Pain: Quantification of Intramuscular Chemical, Electrical, and Pressure Changes Associated with Saline-Induced Muscle Pain in Humans, Pain 69 (1997) pgs. 137-143	
		GRAVEN-NIELSEN, T., et al., Quantification of Local and Referred Muscle Pain in Humans after Sequential i.m. Injections of Hypertonic Saline, Pain 69 (1997) pgs. 111-117	
		CompuDent™, Milestone Scientific, 2002, www.milesci.com/cumpudent/index.php	
		When Patient Care Needs to Be Pain Free..., PainFree pump, Sgarlato Labs, www.sgarlatolabs.com/pain_management.shtml , 2 pages; first publication date unknown	
		Uniject™ Injection System Overview, PATH, 8 pages, www.path.org/technos/uniject-overview.htm ; first publication date unknown	
		Insulin Pump Technical Specifications, Debiotech S.A., Switzerland, www.debiotech.com/products/msys/ip_page_2.html ; March 4, 2002, 1 page	
		MAILLEFER, Didier, et al., A High-Performance Silicon Micropump for Disposable Drug Delivery Systems, 0-7803-5998-4/01 IEEE, pgs. 413-417, 2001	
		The MEDIPAD System Benefits and Applications, Elan Medical Technologies, 990M001, 2002, RevJan2003, 2 pages	
		BD Medical brochure, Franklin Lakes, NJ, www.bd.com , 2003, 1 page	
		National Collegiate Inventors & Innovators Alliance (NCIIA), Advanced E-Team, Grant Profile, Painless Injection Method and Device, publication January 30, 2002, 1 page	
		Beckton, Dickinson and Company brochure, BD™ Disposable Pen, 2000, 2 pages	
		Beckton, Dickinson and Company brochure, BD™ Auto-Injector, 2000, 2 pages	

Examiner Signature		Date Considered	
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Attorney Docket No. CHM-021M

COPENDING U.S. PATENT APPLICATIONS

Examiner Initials*	Applicant(s)	Serial No.	Filing Date	Atty. Docket No.
	Wall et al.	10/605,187	09/12/2003	CHM-005M
	Wall et al.	10/597,997	08/15/2006	CHM-022M

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